In the Application of:

Firestein et al.

U.S. Serial No. Not yet assigned

Filed: Herewith

Continuation of U.S. Serial No.: 09/363,997

Page 3

B. In the Claims:

Please cancel claims 1 to 11 without prejudice, and add the following new claims.

PATENT

Attorney Docket No.: UCSD1160-4

Upon entry of the present amendment, the status of the claims will be as follows:

1 to 11. (Cancelled)

12. (New) A method of ameliorating cellular accumulation or an inflammatory disorder

having a pathogenesis associated with cells having a defective apoptosis gene or expressing a

defective apoptosis polypeptide in a subject, comprising contacting the cells with an agent that

kills cells having a defective apoptosis gene or expressing a defective apoptosis polypeptide,

thereby ameliorating the cellular accumulation or inflammatory disorder.

13. (New) The method of claim 12, wherein contacting the cells with the agent

comprises targeting the defective apoptosis gene or polypeptide.

14. (New) The method of claim 12, wherein the agent modulates a defective or aberrant

apoptosis pathway in the cells.

15. (New) The method of claim 12, wherein the agent alters the activity of an apoptosis

gene or apoptosis polypeptide.

16. (New) The method of claim 12, wherein the agent comprises a peptide or a peptide

analog.

17. (New) The method of claim 16, wherein the peptide comprises an apoptotic

polypeptide, or a fragment of an apoptotic polypeptide having apoptotic activity.

18. (New) The method of claim 16, wherein the apoptotic polypeptide comprises p53,

bax, ICE, ras, or p21waf.

Gray Cary\GT\6374759.1 101668-220 In the Application of:

Firestein et al.

U.S. Serial No. Not yet assigned

Filed: Herewith

Continuation of U.S. Serial No.: 09/363,997

Page 4

19. (New) The method of claim 16, wherein the peptide binds to the cells having a

defective apoptosis gene or expressing a defective apoptosis polypeptide.

20. (New) The method of claim 16, wherein the peptide comprises an antibody, or an

Attorney Docket No.: UCSD1160-4

antigen binding fragment of an antibody.

21. (New) The method of claim 20, wherein the antigen binding fragment of an antibody

an Fab' fragment, an (Fab')2 fragment, or an Fv fragment.

22. (New) The method of claim 20, wherein the antibody selectively binds fas.

23. (New) The method of claim 12, wherein the agent further comprises a toxin or a

peptide, which is conjugated to the agent.

24. (New) The method of claim 12, wherein the agent is a peptidomimetic.

25. (New) The method of claim 12, further comprising, prior to contacting the cells with

the agent that kills cells having a defective apoptosis gene or expressing a defective apoptosis

polypeptide, administering to the subject an agent that protects cells having a wild-type apoptosis

gene or expressing a wild-type apoptotic polypeptide from the agent that kills cells having the

defective apoptosis gene or expressing the defective apoptosis polypeptide.

26. (New) A method of ameliorating cellular accumulation or an inflammatory disorder

having a pathogenesis associated with cells having a defective apoptosis gene or expressing a

defective apoptosis polypeptide in a subject, comprising contacting the cells with an agent that

enhances apoptosis of the cells, thereby ameliorating the cellular accumulation or inflammatory

disorder.

Gray Cary\GT\6374759.1

101668-220

In the Application of:

Firestein et al.

U.S. Serial No. Not yet assigned

Filed: Herewith

Continuation of U.S. Serial No.: 09/363,997

Page 5

27. (New) The method of claim 26, wherein contacting the cells with the agent comprises targeting the defective apoptosis gene or polypeptide.

Attorney Docket No.: UCSD1160-4

- 28. (New) The method of claim 26, wherein the agent comprises a peptide.
- 29. (New) The method of claim 28, wherein the peptide comprises an apoptotic polypeptide.
- 30. (New) The method of claim 29, wherein the apoptotic polypeptide comprises p53, bax, ICE, ras, or p21waf.
- 31. (New) The method of claim 28, wherein the peptide comprises an antibody, or an antigen binding fragment of an antibody.